7GN12508P25

electric ENCLOSED ROTARY CAM SWITCH 7GN SERIES, ON-OFF SWITCH 4 POLES 63A IN PLASTIC ENCLOSURE 125X175MM WITH RED/YELLOW HANDLE **ENERGY AND AUTOMATION**

Product designation				Enclosed rotary
Product type designati	on			cam switch 7GN125
General characteristics				7 GN 125
Switching diagram				08 - ON/OFF switch 4 poles
N° of elements				2
Mounting form				P25 - Plastic enclosure with red/yellow handle
Contact characteristics				
Rated insulation voltag	e Ui			
		IEC/EN	V	690
Data diama da a crithata	ad valte as I lissa	UL/CSA	V	600
Rated impulse withstar Conventional free air th			kV	6
Conventional free all ti	lermai current iur	IEC/EN	Α	125
		UL/CSA	A	130
Rated operational volta	age		V	690
Rated operational impo			kV	6
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	125
		15kA	Α	100
		25kA	Α	100
		50kA	A	100
Data d about times assume	et lave	63kA	A	100
Rated short time curre	nt icw	1s	Α	2100
Conductivity		13		10/5 mA/V
Operational current le	IEC/EN			
•	AC1/AC21A			
			Α	125
	AC15			
		110V	Α	40
		220/230V	Α	28
		380/400V	A	15
Rated operational pow	or in AC	660/690V	Α	5
rated operational pow	Three-phase AC-3			
	Thio phao No o	220/230V	kW	18.5
		380/440V	kW	37
		500/690V	kW	33
	Single-phase AC-3			
		110V	kW	5
		220/230V	kW	11
		380/440V	kW	15
	Three-phase AC23A	000/0001	1.3.87	20
		220/230V	kW	30
		380/440V 500/690V	kW kW	45 37
	Single-phase AC23A	300/0301	IN V V	<u> </u>
	Oligio pridoc AOZOA	110V	kW	5
		220/230V	kW	11



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		380/440V	kW	15
Rated operational curr				
	DC21A			
		48V	Α	125
		60V	Α	80
		110V	A	10
	D0004 (220V	Α	1.2
	DC23A (poles in series)	0.41/	Δ.	405 (4)
		24V	A	125 (1)
		48V 60V	A	125 (2)
		110V	A A	125 (3)
		220V	A	50 (3) 20 (4)
	DC13	220 V		20 (4)
	DC13	24V	Α	125
		48V	A	100
		60V	A	50
		110V	A	4
Power dissipation			W	6.3
Mechanical features				
Terminals screw				M2X5
Tightening torque for to	erminals max		Nm	2
Conductor size				
	AWG - Rigid cable			
	3	min	AWG	14
		Max	AWG	1/0
	AWG - Flexible cable			
		min	AWG	14
		Max	AWG	1/0
	Conductor size (IEC) - Flexible cable			
		min	mm²	2.5
		Max	mm²	50
	Conductor size (IEC) - Rigid cable			
		min	mm²	2.5
		Max	mm²	50
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direct				
	for three-phase motor			
		120V	HP	15
		240V	HP	25
		480V	HP	50
	for simple above mater	600V	HP	40
	for single-phase motor	4001/	LID	F
		120V	HP	5
Ambient conditions		240V	HP	15
Ambient conditions Temporature				
Temperature	Operating temperature			
	Operating temperature	min	°C	25
		min	°C	-25 +55
	Storage temperature	max	U	TUU
	Storage temperature	min	°C	-40
		max	°C	-40 +70
		IIIaX		r I U

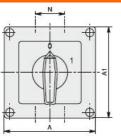
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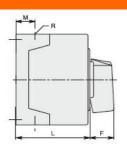
ENERGY AND AUTOMATION

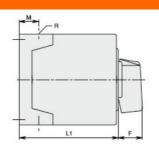
Resistance & Protection

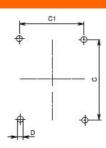
Frontal IP degree IP65
Terminals IP degree IP00

Dimensions



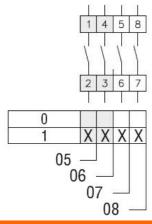






Series	Enclosure size	Number o	f elements	Dimensions							Cable	Protection			
		L	L1	Α	A1	C	C1	D	F	M	N	L	L1	entry	degree
7GN12	75x75	1-2	3 - 4												
7GN20]	1-2	3 - 4	75	75	50	64	4.5	19	14	28	57.5	79.8	4xPG13.5	IP65
7GN25		1	2-3												
7GN12	90x90	1-3	4 - 6												
7GN20]	1-3	4 - 6	0-0000	19000		2000			20000		1-3770-20			
7GN25		1-2	3 - 4	90	90	79	63	4.5	25	19	30	71.3	98.3	4xPG16	IP65
7GN32		1-2	3 - 4												
7GN40		1	2-3												
7GN12	110x110	1 - 4	5 - 8												
7GN20		1 - 4	5 - 8												
7GN25		1-3	4 - 5	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
7GN32		1-3	4 - 5	110	110	30.4	00	4.5	32	21	09.0	00.0	113.5	4/1/021	11 03
7GN40		1-2	3 - 5												
7GN63		1-2	3 - 4												
7GN32	125x175	1 - 3	4 - 5												
7GN40		1 - 2	3 - 4	125	175	146	112	5.5	32	21	68	84.3	118.3	4xPG21	IP65
7GN63	1	1 - 2	3 - 4	120	175	140	112	0.0	32	21	00	04.0	110.5	2xPG11	11 00
7GN125		1	2												
7GN32	180x254	1 - 5	6-8												
7GN40	1	1 - 4	5 - 7	180	254	120	190	5.5	32	35	76	121	175	4xPG29	IP65
7GN63	1	1 - 3	4 - 6	100	234	120	130	0.0	32	33	,,,	121	1/3	2xPG11	11 00
7GN125		1-2	3 - 4												

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

Certificates

EAC

ETIM classification





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ENERGY AND AUTOMATION

ETIM 8.0

EC001029 -Selector switch, complete